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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	Unknown
Filing Date	Even Date Herewith
First Named Inventor	Tompkins, Mark
Group Art Unit	Unknown
Examiner Name	Unknown

Sheet 1 of 3

Attorney Docket No: 1528.011US3

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
DA	US-2001/0047242	11/29/2001	Ohta, Kazutaka	701	210	04/27/1999
DA	US-5,422,815	06/06/1995	Hijkata,	364	449	12/14/1993
DA	US-5,442,559	08/15/1995	Kuwahara, , et al.	364	449	10/07/1993
DA	US-5,528,248	06/18/1996	Steiner, G. C., et al.	342	357.06	08/19/1994
DA	US-5,659,476	08/19/1997	LeFebvre, R. K., et al.	701	201	12/22/1994
DA	US-5,938,721	08/17/1999	Dussell, William O., et al.	701	211	10/24/1996
DA	US-5,948,043	09/07/1999	Mathis,	701	208	11/08/1996
DA	US-6,108,603	08/22/2000	Karunanidhi,	701	208	04/07/1995
DA	US-6,205,398	03/20/2001	Kobayashi, Masahiro , et al.	701	209	11/12/1999
DA	US-6,266,612	07/24/2001	Dussell, William O., et al.	701	207	06/16/1999
DA	US-6,317,684	11/13/2001	Roeseler,	701	202	12/22/1999
DA	US-6,317,687	11/13/2001	Morimoto,	701	211	10/05/1992
DA	US-6,321,158	11/20/2001	DeLorme, D. M., et al.	701	201	08/31/1998
DA	US-6,411,899	06/25/2002	Dussell, William O., et al.	701	211	04/30/2001

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DA		"An optimal pathfinder for vehicles in real-world digital terrain maps", http://www.nease.net/jamsoft/shortestpath/pathfinder/4.html , (1999), 11 pages	
DA		"An optimal pathfinder for vehicles in real-world digital terrain maps", http://www.nease.net/jamsoft/shortestpath/pathfinder/4.html , (1999), 11 pages	
DA		"Informed Search Methods", <u>Artificial Intelligence, A Modern Approach</u> , Prentice Hall, Inc., (1995), 92-115	
DA		"Informed Search Methods", <u>Artificial Intelligence, A Modern Approach</u> , Prentice Hall, Inc., (1995), pp. 92-115	
DA		"Real-Time Vehicle Routing in Dynamic and Stochastic Urban Traffic Networks", www.gpu.srv.ualberta.ca/ifu/research.htm , (1997), pp. 1-3	
DA		"Real-Time Vehicle Routing in Dynamic and Stochastic Urban Traffic Networks", http://www.gpu.srv.ualberta.ca/ifu/research.htm , (1997), 1-3	
DA		AHUJA, R., "Faster Algorithms for the Shortest Path Problem", <u>Journal of the Association for Computing Machinery</u> , 37(2), (1990), 213-223	

EXAMINER

DATE CONSIDERED

8/28/04

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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. Applicant's unique design designation number (optional): Applicant is to place a check mark here if English language Translation is attached

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	First Named Inventor	Tompkins, Mark
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Sheet 2 of 3		Attorney Docket No: 1528.011US3

SA	CUNG, V. , "An Efficient Implementation of Parallel A **", <u>CFPAR</u> , Montreal, Canada,(1994),pp. 153-167	
SA	CUNG, V. , et al., "An Efficient Implementation of Parallel A**", <u>CFPAR</u> , Montreal, Canada,(1994),pp. 153-167	
SA	FREDMAN, M. , "Fibonacci heaps and their uses in improved network optimization algorithms", <u>Journal of ACM</u> , (1987),2 pages	
SA	FU, L. , "Heuristic Shortest Path Algorithms and their Potential IVHS Applications", <u>Proceedings of the 4th University of Alberta - University of Calgary, Joint Graduate Student Symposium in Transportation Engineering</u> , (1995),pp. 83-109	
SA	IKEDA, T. , "A Fast Algorithm for Finding Better Routes by AI Search Techniques", <u>Vehicle Navigation and Information Systems Conference Proceedings</u> , (1994),pp. 291-296	
SA	KAINDL, H. , "Memory-Bounded Bidirectional Search", <u>Proceedings of the 12th National Conference on Art</u> , AAAI Press, Seattle WA,(1994),pp. 1359-1364	
SA	LAPORTE, G. , "The Vehicle Routing Problem: An Overview of Exact and Approximate Algorithms", <u>European Journal of Operational Research</u> , 59, (1992),pp. 345-358	
SA	LAPORTE, G. , "The Vehicle Routing Problem: An overview of exact and approximate algorithms", <u>European Journal of Operational Research</u> , 59, (1992),pp. 345-358	
SA	MYERS, B. , "Data Structures for Best-First Search", http://www.4.ncsu.edu/jbmyers/dsai.htm , (1997),pp. 1-6	
SA	RONNGREN, R. , et al., "Parallel and Sequential Priority Queue Algorithms", <u>ACM Transactions on Modeling and Computer Simulation</u> , (1997),pp. 168-172, 198,199	
SA	RONNGREN, R. , et al., "Parallel and Sequential Priority Queue Algorithms", <u>ACM Transactions on Modeling and Computer Simulation</u> , 7(2), (1997),pp. 168-172,198,199	
SA	STOUT, B. , "Smart Moves: Intelligent Pathfinding", <u>Gamasutra</u> http://gamasutra.com/features/prgramming/080197/pathfinding.htm , (1997),pp. 1-11	
SA	WAI, LEONG H., et al., "Comparative Study of Shortest Path Algorithm for Transport Network", <u>USRP Report 2</u> , (1999),pp. 1-10	
SA	WAI, L., et al., "Comparative Study of Shortest Path Algorithm for Transport Network", <u>USRP Report 2</u> , http://www.comp.nus.edu.sg/leonghoe/USRPReport.txt.html ,(1999),pp. 1-10	
SA	ZHAN, F. B., "Three Fastest Shortest Path Algorithms on Real Road Networks: Data Structures and Procedures", <u>Journal of Geographic Information and Decision Analysis</u> , 1(1), http://www.geog.uwo.ca/gimda/journal/vol1.1/Zhan/Zhan.htm ,(1997),11 pages	

EXAMINER

DATE CONSIDERED

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

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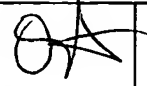

(Use as many sheets as necessary)

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Sheet 3 of 3

Attorney Docket No: 1528.011US3

	ZHAN, F. , "Three Fastest Shortest Path Algorithms on Real Road Networks: Data Structures and Procedures", <u>Journal of Geographic Information and Decision Analysis</u> , (1997),11 pages	
	ZHAO, Y. , "An Adaptive Route-Guidance Algorithm for Intelligent Vehicle Highway Systems", <u>American Control Conference</u> , Boston, MA,(1991),pp. 2568-2573	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

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